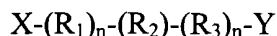


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9. (Amended) An isolated polynucleotide; wherein said polynucleotide comprises the formula:



wherein,

A2
at the 5' end, X is hydrogen; and
at the 3' end, Y is hydrogen or a metal;
R₁ and R₃ are any nucleic acid residue;
n is an integer between 1 and about 3000;
and R₂ is the nucleic acid sequence set forth in SEQ ID NO: 1.

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- A3
11. (Amended) The nucleic acid construct according to claim 10, wherein said polynucleotide is operably linked in an orientation relative to said promoter selected from the group consisting of sense and antisense.

12. (Amended) The nucleic acid construct according to claim 11, wherein said polynucleotide is operably linked to a construct encoding for a desaturase enzyme.

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17. (Amended) The transgenic plant, or any part thereof, of claim 16, wherein said transgenic plant is selected from the group consisting of *Brassica*, soybean and corn.

- A4
18. (Amended) A transgenic seed from the transgenic plant of claim 16.

19. (Amended) A transgenic progeny from the transgenic plant of claim 16.

20. (Amended) A transgenic seed from the progeny of claim 19.

21. (Amended) A transgenic plant, or any part thereof, from the seed of claim 18.
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as

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31. (Amended) The plant according to claim 17, wherein said plant is a soybean plant.
32. (Amended) The plant according to claim 31, wherein a seed from said plant contains less than about 3.5% weight percent saturated fatty acid.
33. (Amended) The plant according to claim 17, wherein said plant is a corn plant.
34. (Amended) The plant according to claim 33, wherein a seed from said plant contains less than about 3.5% weight percent saturated fatty acid.
35. (Amended) The plant according to claim 17, wherein said plant is a *Brassica* plant.
36. (Amended) The plant according to claim 35, wherein a seed from said plant contains less than about 3.5% weight percent saturated fatty acid.
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